## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs Default Operator		Plurals	Time Stamp
L6	544	(determin\$5 find\$3 calculat\$3) near5 (channel near2 coefficient)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/06 11:22
L11	24494	"8" with (pilot)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/06 11:24
L16	773	"8" with (pilot near2 channel)	US-PGPUB; OR OFF USPAT; USOCR		2011/05/06 11:25	
L20	393	"7" with (dpch dpcch)	US-PGPUB; OR OFF USPAT; USOCR		2011/05/06 11:26	
L22	132991	"7" with (cell\$1specific individual dedicated)	US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		OFF	2011/05/06 11:26
S1	151	((XIAODONG) near2 (LI)).INV.	US-PGPUB; USPAT			2010/10/13 12:22
\$2	49	((TITUS) near2 (LO)).INV.	US-PGPUB; USPAT			2010/10/13 12:22
S3	28	((KEMIN) near2 (LI)).INV.	US-PGPUB; USPAT			2010/10/13 12:24
S4	13	((HAIMING) near2 (HUANG)). INV.	US-PGPUB; USPAT	OR	OFF	2010/10/14 11:16
S5	2	"20020159430"	US-PGPUB; USPAT	OR	OFF	2010/10/14 11:55
S6	177	"5867478"	US-PGPUB; USPAT	OR	OFF	2010/10/14 11:57
S7	1	"5867478".pn.	US-PGPUB; USPAT	OR	OFF	2010/10/14 11:57
S8	1166	455/502.cals.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/14 12:08
<b>S</b> 9	53	ofdma with (cell near2 search)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/14 12:08

S10	53	S9 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/14 12:08
S11	10	S10 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/14 12:09
S12	9		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:03
S13	142	,,	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:06
S14	167972	"455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:06
S15	165752		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:06
S16	18	S13 and S14 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:06
S17	11	S16 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:07
S18	742	frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:18

S19	14	S13 with S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:18
\$20	8	S19 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:18
\$21	187	(common) near5 (pilot near2 signal) near5 (sub\$carrier sub \$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:24
S22	6	S13 with S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:25
\$23	47	(common) near5 (pilot near2 signal) with ((cell\$specific individual) near5 (pilot near2 signal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:31
\$24	30	\$23 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/18 22:31
<b>S</b> 25	85564	channel near5 (estimat\$3 scan \$3 allocat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 09:57
S26	19401	\$25 with (frequenc\$3 carrier sub \$1carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 09:57
<b>S</b> 27	409	S26 with (ofdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 09:57

<b>S</b> 28	9	S27 with (cell\$1specific individual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 09:58
<b>S</b> 29	6	(common near5 cell\$specific) with (pilot near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 10:01
S30	1468	(common global) near5 (pilot near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:57
S31	1216	(cell\$1specific local individual dedicated) near5 (pilot near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:57
S32	299	S30 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:57
S33	107	"455"/\$.ccls. and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:58
S34	120	"370"/\$.ccls. and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:58
<b>S</b> 35	71	S33 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:58
S36	99	S34 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 11:58

<b>S</b> 37	388	(cell\$1specific dedicat\$3 individual) near5 pilot near5 (sub \$carrier sub\$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 14:57
S38	777	(common shared) near5 pilot near5 (sub\$carrier sub\$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 14:57
<b>S</b> 39	46	S37 with S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 14:57
S40	26	S39 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 14:57
S41	388	(cell\$1specific dedicat\$3 individual) near5 pilot near5 (sub \$carrier sub\$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 22:21
S42	777	(common shared) near5 pilot near5 (sub\$carrier sub\$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 22:21
S43	0	S41 with S42 with ofdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/19 22:21
S44	2750	((frequenc\$3 channel tone carrier) near5 (index)) with (phase amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:47
S45	168	S44 with (estimat\$3 allocat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:51

S46	0	S45 and (455/67.11-67.13,115.1,423,436-444, "502". ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:52
S47	7	S45 and (455/67.11- 67.13,115.1,423,436-444,502. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:52
S48	3	S47 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:52
S49	21	S45 and ("455"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:53
<b>S</b> 50	12	S49 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:54
<b>S</b> 51	32	S45 and ("370"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:55
<b>S</b> 52	12	S51 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:55
S54	8480	channel near5 co\$efficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:59
<b>S</b> 55	393	S54 with pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 11:59

S56	5	S55 with (cell\$1specific individual dedicated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 12:00
S57	4	S56 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 12:00
S58	8480	channel near5 co\$efficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 14:02
S59	13	S58 with ((cell\$1specific individual dedicated) near5 (data information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 14:02
S60	9	S59 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 14:02
S61	27	((common shared ) near5 (data information)) with (channel near5 co\$efficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 14:07
S62	25	S61 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/20 14:07
S63	7	("20030081538"   "20040085946"   "6515960"   "6567383"   "6643281"   "6741578"   "7039001").PN. OR ("7738437").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/20 14:47
S66	0	((phase near2 divers\$3) near5 (amplitude)) with (common near2 channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:53

S67	36	((phase near2 diversity) near5 (amplitude))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:54
S68	22	S67 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 09:54
S69	1	"09807287"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:05
S70	11	("5598404"   "5809020"   "5848060"   "6069912"   "6081549"   "6201843"   "6456647").PN. OR ("7002939"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/22 10:05
S71	19	("20020009061"   "20020187753"   "20030087673"   "20030114182"   "20030123414"   "20030148770"   "5628052"   "6192256"   "6205127"   "6256290"   "6304750"   "6317410"   "6392988"   "6400780"   "6421327"   "6490270"   "6609012"   "6983127"   "7130663").PN. OR ("7499709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/22 10:13
S72	238	(determin\$5 find\$3) near5 (channel near2 coefficient)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/22 10:23
S73	127	S72 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:23
S74	143	(cell\$1specific individual) near5 pilot near5 (sub\$carrier sub \$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:24
<b>S</b> 75	744	(common) near5 pilot near5 (sub \$carrier sub\$channel slot frequency frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:24

S76	14	S74 with S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:24
S77	1	S72 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 10:24
S78	2584	(random near5 phase) with (frequency carrier sub\$carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 11:08
S79	62175	(phase) with ("180")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:03
S80	31528	S79 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:03
S81	803	S80 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:03
S82	48759	(phase) near5("180")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:04
S83	48759	(phase) near5 ("180")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:04
S84	903	S83 and "370"/\$.cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:04

S85	538	S84 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:04
S86	3	S83 with (frequency near5 index)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/22 12:06
S87	1	10/583530	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 08:02
S88	525	(determin\$5 find\$3 calculat\$3) near5 (channel near2 coefficient)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 09:11
S89	469	S88 near5 (carrier sub\$1carrier channel sub\$1channel slots frames)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 09:12
S90	50	S89 with (pilot)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 09:12
S91	22	\$90 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 09:13
S92	5	S89 near5 (composite aggregat \$3 all)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 09:28
S93	1	S89 near5 (aggregat\$3 all)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 09:52
S94	205	\$88 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 09:57
S95	2	\$94 and (370/331-332,350,324. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 09:58
S96	41	S94 and ("370"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 09:59

S97	91	(pilot near2 (carrier sub \$1carrier channel sub \$1channel)) near5 (channel near2 co\$1efficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 10:37
S98	45	S97 and (@ad<="20040129" @rlad<="20040129")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/16 10:37
S100	12	S89 with (pilot near2 channel)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 10:53
S101	2	S88 with (dpch)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 10:58
S102	5	S88 with (dpch dpcch)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/16 11:00

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	8	cell\$1specific near5 pilot near5 (sub\$carrier sub \$channel slot frequency frame)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:22
L7	545	(determin\$5 find\$3 calculat \$3) near5 (channel near2 coefficient)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:22
L8	488	7 near5 (carrier sub \$1carrier channel sub \$1channel slots frames)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:23
L9	0	((phase near2 divers\$3) near5 (amplitude)) with (common near2 channel)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:24
L10	670	(common shared) near5 pilot near5 (sub\$carrier sub \$channel slot frequency frame)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:24
L12	13653	"8" with (pilot)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:24
L13	51	8 with (pilot)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:24
L14	5	8 near5 (composite aggregat\$3 all)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:25
L15	78	(pilot near2 (carrier sub \$1carrier channel sub \$1channel)) near5 (channel near2 co \$1efficient)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:25
L17	726	"8" with (pilot near2 channel)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:25

L18	12	8 with (pilot near2 channel)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:25
L19	2	7 with (dpch)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:26
L21	5	7 with (dpch dpcch)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:26
L23	11	7 with (cell\$1specific individual dedicated)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:26
L24	45	ofdma with (cell near2 search)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:27
L25	26	24 with (synchroniz\$5)	US-PGPUB; USPAT; UPAD	OR	OFF	2011/05/06 11:27

## 5/6/2011 11:27:49 AM

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